



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Specifications and Advertisement for Bids for 16,000 feet of #477MCM Bare Aluminum Conductor

MEETING DATE: July 1, 1998

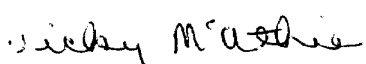

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council approve the specifications, and authorize the advertisement for bids for 16,000 feet of #477 bare aluminum conductor.

BACKGROUND INFORMATION: The Electric Utility Department's Engineering Division has issued a work order to install new line extensions in the Stockton Street/ Neuharth Drive/Ackerman Drive loop. This work order will require about 8,000 feet of #477 conductor; the balance of the order will be placed in inventory for use on smaller jobs as they are scheduled.

FUNDING: Electric Utility Department's Operating Fund
1997-99 Financial Plan and Budget, Page E-22.
Estimated Cost: \$10,500

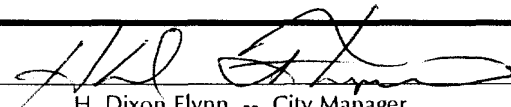
BID OPENING: July 15, 1998

 
Alan N. Vallow, Electric Utility Director

Prepared by Joel Harris, Purchasing Officer

cc: Manager, Engineering and Operations

APPROVED: _____


H. Dixon Flynn -- City Manager

EQUIPMENT SPECIFICATION

OVERHEAD CONDUCTORS, 477.0 KCM, BARE ALUMINUM (AAC)

GENERAL:

This specification is for stranded aluminum overhead conductor, suitable for use in the City of Lodi's 12.0 kv overhead distribution system.

SPECIFIC SPECIFICATIONS:

477.0 KCM all aluminum conductor (AAC), 19 strand, Class AA. Code Name: COSMOS.

STANDARDS:

The conductor shall meet the requirements of the latest edition of the applicable NEMA, ASTM and ANSI standards, unless otherwise noted in this specification.

SHIPPING:

Conductor to come in reels of 8,000 feet (nominal). Each end of the conductor shall be firmly secured to the reel. No lagging is required. All shipments shall be prepaid, F.O.B. Lodi, California. Reels shall be shipped upright.

REEL MARKING:

Each reel shall be marked with a durable label securely attached to a flange of the reel and plainly marked stating the destination, the purchaser's order number, shipping length of conductor on reel, weight of reel (tare weight), total weight of the conductor on reel, type and size of conductor and code name.

MAKE UP AND LENGTHS:

NEMA standard code reel #6628 (66 in. flange diameter, 28 in. traverse width) shall be used. Conductor length on each reel shall be 8,000 feet (nominal).



CITY OF LODI
ELECTRIC UTILITY DEPARTMENT

ENGINEERING STANDARD

OVERHEAD CONDUCTOR, PRIMARY, 477.0 KCM

8/11/87		<i>M. Kim</i>	<i>M. L.</i>	<i>J. H. Hays</i>	SHEET 1 OF 1	
DATE	DRAWN	CHECKED	STD. COMM. CHAIRMAN	APPROVAL	REVISION	